

RECENT LITERATURE

Compiled by M. S. Moulds

This section attempts to fulfil the need for a comprehensive list of current Australian entomological literature. It is arranged so that the listings may be used to compile personal bibliographies concerning specialised interests. It dates back to the beginning of 1972.

If you have published anything concerning Australian insects since the beginning of 1972 and it is not listed in this, or previous issues of *Aust. ent. Mag.*, I would be grateful if you would advise me accordingly so that such literature can be listed in the next issue.

BARTELL, R. J.

1972. See LAWRENCE, L. A. and BARTELL, R. J., 1972.

BARTELL, R. L. and LAWRENCE, Louise A.

1973. Reduction in responsiveness of males of *Epiphyas postvittana* (Lepidoptera) to sex pheromone following previous brief pheromonal exposure. *J. Insect Physiol.* 19(4): 845-855.

BARTELL, R. J. and ROELOFS, W. L.

1973. Inhibition of sexual response in males of the moth *Argyrotaenia velutinana* by brief exposures to synthetic pheromone or its geometrical isomer. *J. Insect Physiol.* 19(3): 655-661.

BASINSKI, J. J.

1973. See EVENSON, J. P. and BASINSKI, J. J., 1973.

BEDDING, R. A.

1972. Biology of *Deladenus siricidicola* (Neotylenchidae) an entomophagous-mycetophagous nematode parasitic in siricid wood-wasps. *Nematologica* 18: 482-493.

BROPHY, J. J., CAVILL, G. W. K. and SHANNON, J. S.

1973. Venom and Dufour's gland secretions in an Australian species of *Camponotus*. *J. Insect Physiol.* 19(4): 791-797, table 1, text-figs 1 & 2.

BROWN, William L. Jr.

1973. The Indo-Australian species of the ant genus *Strumigenys*: groups of *horvathi*, *mayri* and *wallacei*. *Pacific Ins.* 15(2): 259-269, text figs 1-8.

CARSON, Hampton L. and WHEELER, Marshall R.

1973. A new crab fly from Christmas Island, Indian Ocean (Diptera: Drosophilidae). *Pacific Ins.* 15(2): 199-208, tables 1-9, text-figs 1-5.

CAVILL, G. W. K.

1973. See BROPHY, J. J., CAVILL, G. W. K. and SHANNON, J. S., 1973.

CHERRY, Lois M.

1973. The accumulation and utilization of food reserves by the adult female cattle tick, *Boophilus microplus* (Canestrini). *Aust. J. Zool.* 21(3): 403-412, text-figs 1-7.

CLYNE, Densey

1973d. Insects in my garden. Part 6—Six-legged house-guests. *Wildlife, Aust.* 10(1): 42-44, illustr.

COLBO, M. H.

1973. See MOORHOUSE, D. E. and COLBO, M. H., 1973.

COMMON, I. F. B. and MOULDS, M. S.

1973. The date of publication of Captain Phillip King's *Narrative of a survey of the intertropical and western coasts of Australia*. *J. Soc. Bibliophy nat. Hist.* 6(4): 257-259.

CROSSKEY, R. W.

1973. A revisionary classification of the Rutiliini (Diptera: Tachinidae), with keys to the described species. *Bull. Brit. Mus. (Nat. Hist.) Ento. Suppl.* 19: 1-167, text-figs 1-109, 1 map.

CROWDEN, R. K.

1973. See FONG, L. K. and CROWDEN, R. K., 1973.

CROWSON, R. A.

1973. See GUPTA, T. S. and CROWSON, R. A., 1973.

CULVENOR, C. C. J.

1973. See EDGAR, J. A., CULVENOR, C. C. J. and ROBINSON, G. S., 1973.

DANIELL, J. Michael

1973. The privet Hawk-moth. *Koolewong* 2(2): 11.

DOMROW, Robert

1973. The genus *Archemyobia* Jameson in Australia. *J. Aust. ent. Soc.* 12(2): 131-133, text-figs 1 & 2.

DUNNET, George M.

1973. See TRAUB, R. and DUNNET, G. M., 1973.

EDGAR, J. A., CULVENOR, C. C. J. and ROBINSON, G. S.

1973. Hairpencil dihydropyrrolizines of Danainae from the New Hebrides. *J. Aust. ent. Soc.* 12(2): 144-150, tables 1 & 2, pl. I.

EDWARDS, E. D.

1973. Delayed ovarian development and aestivation in adult females of *Heteronympha merope merope* (Lepidoptera: Satyrinae). *J. Aust. ent. Soc.* 12(2): 92-98, tables I & II, text-figs 1 & 2.

EVANS, Howard E.

1972b. A review of the Australian species of *Elaphrosyron* and *Telostegus*, with notes on other genera (Hymenoptera, Pompilidae). *Breviora, Mus. Comp. Zool. Harvard* no. 386: 1-21.

EVANS, Howard E. and MATTHEWS, Robert W.

1973. Behavioural observations on some Australian spider wasps (Hymenoptera: Pompilidae). *Trans. R. ent. Soc. Lond.* 125(1): 45-55, text-figs 1-6.

EVANS, John

1973. Some new genera and species of Cicadelloidea from Australia and New Guinea (Homoptera). *Pacific Ins.* 15(2): 185-197, text-figs 1-8.

EVENSON, J. P. and BASINSKI, J. J.

1973. Bibliography of cotton pests and diseases in Australia. *Con. Grow. Rev.* 50: 79-86.

FLETCHER, Brian S.

1973. Observations on a movement of insects at Heron Island, Queensland. *J. Aust. ent. Soc.* 12(2): 157-160, table 1, fig. 1.

FLETCHER, B. S. and GIANNAKAKIS, A. H.

1973. Sex pheromone production in irradiated males of *Dacus (Strumeta) tryoni*. *J. econ. Ent.* 66(1): 62-64.

FONG, L. K. and CROWDEN, R. K.

1973. Physiological effects of mucus from the wood wasp, *Sirex noctilio* F., on the foliage of *Pinus radiata* D. Don. *Aust. J. biol. Sci.* 26(2): 365-378, 10 figs.

FORTEATH, G. N. R.

1973. See OSBORN, A. W., FORTEATH, G. N. R. and HOLLOWAY, G. A., 1973.

GALBRAITH, M. N., HORN, D. H. S., MIDDLETON, E. J. and THOMSON, J. A.

1973. Biological activity of synthetic moulting hormone analogues in the blowfly *Calliphora stygia*. *Experientia* 29: 19.

1973a. Ecdysone biosynthesis in the blowfly *Calliphora stygia*. *J. chem. Soc., Chem. Commun.* No. 6: 203-204.

GIANNAKAKIS, A. H.

1973. See FLETCHER, B. S. and GIANNAKAKIS, A., 1973.

GRAHAM, A. J.

1973. Redwood Park (Toowoomba) Lepidoptera observations in March, 1973. *Darling Downs Nat.* May, 1973: 3.

1973a. Redwood Park (Toowoomba) Lepidoptera notes for April, 1973. *Darling Downs Nat.* June 1973: 6.

GRIGG, Gordon C.

1973. Some consequences of the shape and orientation of "magnetic" termite mounds. *Aust. J. Zool.* 21(2): 231-237, 9 text-figs.

GRYLLS, N. E.

1973. See KITCHING, R. L., GRYLLS, N. E. and WATERFORD, C., 1973.

GUPTA, T. Sen and CROWSON, R. A.

1973. A review of the classification of Cerylonidae (Coleoptera, Clavicornia). *Trans. R. ent. Soc. Lond.* 124(4): 365-446, text-figs 1-240.

HARDY, R. J.

1973. The biology of *Fraus simulans* Walker (Lepidoptera: Hepialidae). *J. Aust. ent. Soc.* 12(2): 113-120, table 1, text-fig. 1, pls I & II.

1973a. Larval chaetotaxy of thorax and abdomen of *Fraus simulans* Walker (Lepidoptera: Hepialidae). *J. Aust. ent. Soc.* 12(2): 121-123, text-fig. 1.

HARRIS, J. A.

1973. Structure and dynamics of a cave population of the guano mite, *Urobovella coprophila* (Womersley). *Aust. J. Zool.* 21(2): 239-275, 11 tables, 12 text-figs.

HASKINS, Caryl P.

1972. *The marvels of animal behaviour*. National Geographic Soc., Washington, D.C. 4to. Pp. 1-422.

Popular notes illustrating and briefly mentioning *Myrmecia* (Hymenoptera: Formicidae) pp. 126, 127.

HASKINS, Caryl P., HEWITT, R. E. and HASKINS, E. F.

1973. Release of aggressive and capture behaviour in the ant *Myrmecogulosa* F. by exocrine products of the ant *Camponotus*. *J. Ent. (A)* 47(2): 125-139, tables 1-7, text-figs 1-4.

HASKINS, E. F.

1973. See HASKINS, C. P., HEWITT, R. E. and HASKINS, E. F. 1973.

HEWITSON, William Chapman

1972. *Hewitson on butterflies*. 4 papers by W. C. Hewitson. Reprinted with a preface by L. G. Higgins. 8vo. E. W. Classey Ltd. Hampton. Pp. (viii); i-ii, 1-26; 1-36; i-ii, 1-96; 1-22.

In this volume the following four papers by W. C. Hewitson are brought together and reprinted:

Descriptions of one hundred new species of Hesperiiidae. Parts 1-2. 1867-1868.

Descriptions of some new species of Lycaenidae. 1 part, 1868.

Equatorial Lepidoptera collected by Mr Buckley. Parts 1-5, 1869-1877.

Bolivian butterflies collected by Mr Buckley. 1 part, 1874.

After publication of this book on 2nd October, 1972 the publishers realised that pages 6/7, 10/11, 14/15, and 18/19 in *Descriptions of one hundred new species of Hesperiiidae* had been accidentally trans-

posed for the similarly numbered pages of *Descriptions of some new species of Lycaenidae*. Immediately sales of this printing were stopped

and all customers who had purchased copies, virtually all, from pre-publication orders, were advised of the errors and requested to destroy

their copies which would be replaced free of charge after the book was reprinted. It was reissued on 10th May, 1973 using the same Inter-

national Standard Book Number, the only difference being, apart from the correct placement of the pages, a change in the colour of the dust

jacket from blue to red. Copies of the first printing are very rare.

HEWITT, R. E.

1973. See HASKINS, C. P., HEWITT, R. E. and HASKINS, E. F. 1973.

HOLLOWAY, G. A.

1973. See OSBORN, A. W., FORTEATH, G. N. R. and HOLLOWAY, G. A., 1973.

HORN, D. H. S.

1973. See GALBRAITH, M. N., HORN, D. H. S., MIDDLETON, E. J. and THOMSON, J. A., 1973.

- 1973a. See GALBRAITH, M. N., HORN, D. H. S., MIDDLETON, E. J. and THOMSON, J. A., 1973.

KITCHING, A. L., GRYLLS, N. E. and WATERFORD, C.

1973. The identity of the Australian species of *Cicadulina* China (Homoptera: Cicadellidae). *J. Aust. ent. Soc.* 12(2): 139-143, text-figs 1-8.

KNOWLES, C. D., WILSON, J. T. and SCHNITZERLING, H. J.

1973. Bioassay of chlorphenamide using larvae of the cattle tick *Boophilus microplus*. *Aust. vet. J.* 49(4): 205-206.

LAWRENCE, Louise A.

1973. See BARTELL, R. L. and LAWRENCE, L. A., 1973.

LAWRENCE, Louise A. and BARTELL, R. J.

1972. Effect of age on calling behaviour of virgin females of *Epiphyas postvittana* (Lepidoptera) and on their pheromone content and ovarians development. *Entomologia exp. appl.* 15: 455-464.

LEE, Brian

1973. Nature's dustmen do us damage. *Hemisphere* 17(8): 32-35, illustr.
Termites

LEE, D. C.

1973. Rhodacaridae (Acari: Mesostigmata) from near Adelaide, Australia. II. Ecology. *Trans. R. Soc. S. Aust.* 97(2): 139-152, text-figs 1-7.

LENDON, C.

1973. See WATSON, J. A. L., LENDON, C. and LOW, B. S., 1973.

LEWIS, E. E.

1973. See WOODBURN, T. L. and LEWIS, E. E., 1973.

LOW, B. S.

1973. See WATSON, J. A. L., LENDON, C. and LOW, B. S., 1973.

McALPINE, D. K.

- 1972b. Sexual behaviour of Platystomatid flies in relation to speciation. *Circ. ent. Soc. Aust. (N.S.W.)* 228: 30-33, 1 table.

1973. The Australian Platystomatidae (Diptera, Schizophora) with a revision of five genera. *Aust. Mus. Mem.* 15: 1-256, figs 1-110.

Published 2nd July, 1973.

McEVEY, S. F.

1973. Notes on moths and butterflies in the Rutherglen district from 1967. *Victorian Ent.* 3(3): 4-6.

MACKERRAS, I. M. and MARKS, E. N.

1973. The Bancrofts: a century of scientific endeavour. *Proc. R. Soc. Qd* 84(1): 1-34, pls 1-3.

MARKS, E. N.

- 1973b. See MACKERRAS, I. M. and MARKS, E. N., 1973.

MATTHEWS, R. W.

1973. See EVANS, H. E. and MATTHEWS, R. M., 1973.

MIDDLETON, E. J.

1973. See GALBRAITH, M. N., HORN, D. H. S., MIDDLETON, E. J. and THOMSON, J. A., 1973.

- 1973a. GALBRAITH, M. N., HORN, D. H. S., MIDDLETON, E. J. and THOMSON, J. A., 1973.

MONTEITH, G. B.

1973. Australian rainforest insects. *Wildlife, Aust.* 10(2): 88-90, 1 pl.

MOORHOUSE, D. E. and COLBO, M. H.

1973. On the swarming of *Austrosimulium pestilens* Mackerras and Mackerras (Diptera: Simuliidae). *J. Aust. ent. Soc.* 12(2): 127-130.

MOULDS, M. S.

1973. See COMMON, I. F. B. and MOULDS, M. S., 1973.

O'HAGAN, J. E.

1973. See SHANAHAN, A. G. and O'HAGAN, J. E., 1973.

- OSBORN, A. W., FORTEATH, G. N. R. and HOLLOWAY, G. A.**
1973. A new species of *Neurogalesus* (Hymenoptera: Diapriidae), a parasite of the soldier fly, *Inopus rubriceps* (Diptera: Stratiomyidae). *J. Aust. ent. Soc.* 12(2): 124-126.
- RICHARDS, Aola M.**
1973. The migration of cave anthropods across the Nullabor Plain southern Australia. *Helitite* 10(3): 60-72, 7 tables.
Journal dated July, 1972 but was actually published June, 1973.
- RIEK, E. F.**
1973. A revision of Australian scorpion flies of the family Choristidae (Mecoptera). *J. Aust. ent. Soc.* 12(2): 103-112, text-figs 1-8.
- ROBINSON, G. S.**
1973. See EDGAR, J. A., CULVENOR, C. C. J. and ROBINSON, G. S., 1973.
- ROELOFS, W. L.**
1973. See BARTELL, R. J. and ROELOFS, W. L., 1973.
- SCHNITZERLING, H. J.**
1973. See KNOWLES, C. O., WILSON, J. T. and SCHNITZERLING, H. J., 1973.
- SHANAHAN, A. G. and O'HAGAN, J. E.**
1973. Enzyme activity of the cytochrome system of the egg and larva of the cattle tick (*Boophilus microplus*). *Aust. J. biol. Sci.* 26(2): 453-463, 2 tables, 4 figs.
- SHANNON, J. S.**
1973. See BROPHY, J. J., CAVILL, G. W. K. and SHANNON, J. S., 1973.
- THOMSON, J. A.**
1973. See GALBRAITH, M. N., HORN, D. H. S., MIDDLETON, E. J. and THOMSON, J. A., 1973.
1973a. See GALBRAITH, M. N., HORN, D. H. S., MIDDLETON, E. J. and THOMSON, J. A., 1973.
- TRAUB, Robert and DUNNET, George M.**
1973. Revision of the siphonapteran genus *Stephanocircus* Skuse 1893 (Stephanocircidae). *Aust. J. Zool. Suppl.* 20: 41-123.
1 table, 136 text-figs.
- WATERFORD, C.**
1973. See KITCHING, R. L., GRYLLS, N. E. and WATERFORD, C., 1973.
- WATSON, J. A. L., LENDON, C. and LOW, B. S.**
1973. Termites in mulga lands. *Tropical Grasslands* 7(1): 121-128.
tables 1 & 2.
- WHEELER, Marshall R.**
1973. See CARSON, H. L. and WHEELER, M. R., 1973.
- WILSON, J. T.**
1973. See KNOWLES, C. O., WILSON, J. T. and SCHNITZERLING, H. J., 1973.
- WOODBURN, T. L. and LEWIS, E. E.**
1973. A comparative histological study of the effects of feeding by nymphs of four psyllid species on the leaves of *Eucalyptus*. *J. Aust. ent. Soc.* 12(2): 134-138, tables 1 & 2, pl. 1.